

Date 03/10/2024



AMER TAHSEEN SALAMEH
ABU JASSAR

PERSONAL INFORMATION

Title: Faculty Member

Academic Rank: Associate professor

Date & Place of Birth: 04/09/1979

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D., in Engineering Sciences / Computer Science.	Computer Science	2011	V.N Karazin Kharkov National University	Ukraine
Master's Degree	Computer Science	2004	Kharkov National University of Radio Electronic	Ukraine
Bachelor's degree	Computer Science	2003	Kharkov National University of Radio Electronic	Ukraine

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2014-2018	Assistant professor	Irbid National University	Information Technology / Computer Science	Jordan
2018	Associate professor	Irbid National University	Information Technology / Computer Science	Jordan
2019-2024	Associate professor	Ajloun National University	Information Technology / Computer Science	Jordan
2024	Associate professor	Amman Arab University	Computer Science and Informatics	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
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PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
1.	Yasser Mohammad Al-Sharo, Amer Tahseen Abu-Jassar, Svitlana Sotnik, Vyacheslav Lyashenko //	Neural Networks As A Tool For Pattern Recognition of Fasteners //	International Journal of Engineering Trends and Technology //	Volume-69 Issue-10, 2021 - ISSN: 2231-5381 - Pages No. 151-160 , (Scopus- Q4).
2.	Amer Tahseen Abu-Jassar, Yasser Mohammad Al-Sharo, Vyacheslav Lyashenko, Svitlana Sotnik //	Some Features of Classifiers Implementation for Object Recognition in Specialized Computer systems//	TEM Journal //	Volume 10, Issue 4, 2021 - ISSN 2217-8309- Pages No. 1645-1654 , (Scopus , WoS – Q3).
3.	Hani Attar, Amer Tahseen Abu-Jassar, Vladyslav Yevsieiev, Vyacheslav Lyashenko, Igor Nevludov ³ and Ashish Kr. Luhach //	Zoomorphic Mobile Robot Development for Vertical Movement Based on the Geometrical Family Caterpillar //	Computational Intelligence and Neuroscience //	Volume 2022 , Article ID 3046116 , https://doi.org/10.1155/2022/3046116 - 2022, (Scopus Q1 & ISI)
4.	Amer Tahseen Abu-Jassar, Hani Attar, Vladyslav Yevsieiev, Ayman Amer, Nataliia Demska ³ Ashish Kr. Luhach, and Vyacheslav Lyashenko //	Electronic User Authentication Key for Access to HMI/SCADA via Unsecured Internet Networks //	Computational Intelligence and Neuroscience //	Volume 2022, Article ID 5866922, 13 pages https://doi.org/10.1155/2022/5866922 - 2022 (Scopus Q1 & ISI).
5.	Hani Attar , Amer Tahseen Abu-Jassar , Ayman Amer , Vyacheslav Lyashenko, Vladyslave Yevsieiev, and Mohammad R. Khosravi //	Control System Development and Implementation of a CNC Laser Engraver for Environmental Use with Remote Imaging //	Computational Intelligence and Neuroscience //	Volume 2022, Article ID 9140156, 16 pages, https://doi.org/10.1155/2022/9140156/ 2022 (SCOPUS Q1 & ISI)
6.	Amer Tahseen Abu-Jassar //	USING 3D MODELING SYSTEMS TO CREATE A SMALL PORTABLE MILLING MACHINE CONTROLLED BY AN INDUSTRIAL CLOUD //	Journal of Theoretical and Applied Information Technology //	Volume 101. No 8 //2023 // (Scopus Q4).
7.	Hani Attar, Amer Tahseen Abu-Jassar, Vyacheslav Lyashenko, Ahmad Al-qerem, Svitlana Sotnik, Naif Alharbi & Ahmed A. A. Solyman //	Proposed synchronous electric motor simulation with built-in permanent magnets for robotic systems //	SN Applied Sciences (Springer Nature) //	Vol: 5, Article number: 160 (16/May/2023) // (Scopus Q1, Springer).
8.	Amer Tahseen Abu-Jassar //	FORMING COMMANDS FOR VOICE CONTROL IN KALDI ENVIRONMENT BASED ON JSPEECH GRAMMAR FORMAT TECHNOLOGY //	Journal of Theoretical and Applied Information Technology //	Volume 101. No 13 //2023 // (Scopus Q4).
9.	Yasser Mohammad Al-Sharo, Amer Tahseen Abu-Jassar, Svitlana Sotnik, Vyacheslav Lyashenko //	Generalized Procedure for Determining the Collision-Free Trajectory for a Robotic Arm //	Tikrit Journal of Engineering Sciences //	Vol 30. No 2// July 30, 2023// (Scopus Q3).

10. Amer Tahseen Abu-Jassar¹, Hani Attar², Vyacheslav Lyashenko³, Ayman Amer⁴, Svitlana Sotnik⁵, Ahmed Solyman⁶// Access Control to Robotic Systems Based on Biometric: The Generalized Model and its Practical Implementation // International Journal of Intelligent Engineering and Systems // Volume 16. Issue 5 // 2023 // (Scopus Q2).
11. Vyacheslav Lyashenko¹, Abu-Jassar Amer Tahseen², Vladyslav Yevsieiev³, Svitlana Maksymova⁴ // Automated Monitoring and Visualization System in Production // International Research Journal of Multidisciplinary Technovation// Volume 5. Issue 6 // 2023 // (Scopus Q4).
12. Amer Abu-Jassar¹, Yasser Al-Sharo², Sardor Boboyorov³, Vyacheslav Lyashenko⁴ // Contrast as a Method of Image Processing in Increasing Diagnostic Efficiency When Studying Liver Fatty Tissue Levels// 2nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI) 2023 // SCOPUS & IEEE Publications.
13. Yasser Al-Sharo¹, Amer Abu-Jassar², Oleg Vasiurenko³, Vyacheslav Lyashenko⁴// Comparative Analysis of Data Dynamics Based on Wavelet Coherence Using Higher-Order Moments // 2nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI) 2023 // SCOPUS & IEEE Publications.
14. Yasser Al-Sharo¹, Amer Abu-Jassar², Vyacheslav Lyashenko³, Vladyslav Yevsieiev⁴, Svitlana Maksymova⁵ // A Robo-hand prototype design gripping device within the framework of sustainable development // Indian Journal of Engineering // Volume 20. Issue 54 // 2023 // (Scopus Q4).
15. Vyacheslav Lyashenko, Abu-Jassar Amer Tahseen, Vladyslav Yevsieiev, Svitlana Maksymova // Automated Monitoring and Visualization System in Production // International Research Journal of Multidisciplinary Technovation // Volume 5. Issue 6 // 2023 // (Scopus Q4).
16. Amer Abu-Jassar, D Rudenko, H Abdalla // Digital medical image as an object of processing and analysis // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 1 // 2024.
17. Amer Abu-Jassar, EZ Al-Jamal // ARTIFICIAL INTELLIGENCE ETHICS AND HEALTHCARE // TECHNICAL SCIENCE RESEARCH IN UZBEKISTAN // Volume 2. Issue 1 // 2024
18. Vladyslav Yevsieiev, Svitlana Maksymova, Amer Abu-Jassar // ROUTE PLANNING FOR A MOBILE ROBOT IN 3D SPACE BASED ON AN ALGORITHM PROBABILISTIC ROADMAP // journal of universal science research // Volume 2. Issue 4 // 2024
19. Vladyslav Yevsieiev, Amer Abu-Jassar, Svitlana Maksymova, Ahmad Alkhalaileh // ROUTE CONSTRUCTING FOR A MOBILE ROBOT BASED ON THE D-STAR ALGORITHM // TECHNICAL SCIENCE RESEARCH IN UZBEKISTAN // Volume 2. Issue 4 // 2024
20. Vladyslav Yevsieiev, Svitlana Maksymova, Amer Abu-Jassar // OBJECT CONTOUR IN A MOBILE ROBOT'S WORKSPACE IN REAL TIME // Journal of Universal Science Research // Volume 2. Issue 3 // 2024.
21. Vladyslav Yevsieiev, Amer Abu-Jassar, Svitlana Maksymova // Object Recognition and Tracking Method in the Mobile Robot's Workspace in Real Time // Technical Science Research In Uzbekistan // Volume 2. Issue 2 // 2024.
22. Svitlana Maksymova, Vladyslav Yevsieiev, Amer Abu-Jassar // Gripping Device Development: Some Aspects // Journal of Universal Science Research // Volume 2. Issue 1 // 2024.

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Human Resources Department

23. Amer Tahseen Abu-Jassar, Hani Attar, Ayman Amer, Vyacheslav Lyashenko, Vladyslav Yevsieiev, Ahmed Solyman // Remote Monitoring System of Patient Status in Social IoT Environments Using Amazon Web Services (AWS) Technologies and Smart Health Care // International Journal of Crowd Science // Volume 8. Issue 1 // (Scopus Q2 And IEEE Xplore).
24. Amer Tahseen Abu-Jassar, Hani Attar, Ayman Amer, Vyacheslav Lyashenko, Vladyslav Yevsieiev, Ahmed Solyman // Development and Investigation of Vision System for a Small-Sized Mobile Humanoid Robot in a Smart Environment // International Journal of Crowd Science // Volume 8. Issue 1 // (Scopus Q2 And IEEE Xplore).
25. Amer Abu-Jassar, Diana Rudenko, Hitham Abdalla // Digital medical image as an object of processing and analysis // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 1 // 2024
26. Amer Abu-Jassar, Omar Jamal Khalaf // Comparative with recent trends, design, and functionalities of various operating systems // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 6 // 2024
27. Amer Abu-Jassar, Anas Albattiri, Osama Ameerah // ARTIFICIAL INTELLIGENCE TECHNIQUES IN MULTIMEDIA // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 6 // 2024
28. Vladyslav Basiuk, Svitlana Maksymova, Olena Chala, Amer Abu-Jassar // COMMAND SYSTEM FOR MOVEMENT CONTROL DEVELOPMENT // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 6 // 2024
29. Oleksandr Kuzmenko, Vladyslav Yevsieiev, Svitlana Maksymova, Amer Abu-Jassar // ROBOT MODEL FOR MINES SEARCHING DEVELOPMENT // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 6 // 2024
30. Olena Chala, Svitlana Maksymova, Amer Abu-Jassar // Switching Module Basic Concept // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 7 // 2024
31. Vladyslav Yevsieiev, Amer Abu-Jassar, Svitlana Maksymova // Humanoid Robot Movement Simulation in ROS // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 7 // 2024
32. Dmytro Gurin, Vladyslav Yevsieiev, Svitlana Maksymova, Amer Abu-Jassar // Effect of Frame Processing Frequency on Object Identification Using MobileNetV2 Neural Network for a Mobile Robot // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 8 // 2024
33. Dmytro Gurin, Vladyslav Yevsieiev, Amer Abu-Jassar, Svitlana Maksymova // Using the Kalman Filter to Represent Probabilistic Models for Determining the Location of a Person in Collaborative Robot Working Area // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 8 // 2024
34. Vladyslav Yevsieiev, Amer Abu-Jassar, Svitlana Maksymova, Dmytro Gurin // Human Operator Identification in a Collaborative Robot Workspace within the Industry 5.0 Concept // Multidisciplinary Journal of Science and Technology // Volume 4. Issue 9 // 2024.

CONFERENCES

Author/s (In Order)	Title	Conference	Country	Date
1. Amer Tahseen Abu Jassar ,	(Mathematical tools for SDN formalization and verification) Problems of Info communications Science and Technology (PIC S&T), 2015 Second International Scientific-Practical Conference, Ukraine/Kharkov/ SCOPUS & IEEE Publications.			
2. Amer Tahseen Abu Jassar,	(Transaction Patterns for Web Services Compositions) Euro-American Conference for Academic Disciplines. / France/ Paris 2016.			
3. Amer Tahseen Abu Jassar,	(Service Oriented Architecture System for High Increasing Availability of Service) Mediterranean conference for academic disciplines. / Malta/ 2017.			
4. Amer Tahseen Abu Jassar,	International Conference for Academic disciplines. / USA / Las Vegas/University of Nevada/ 2018.			
5. Amer Abu-Jassar; Yasser Al-Sharo; Sardor Boboyorov; Vyacheslav Lyashenko,	Contrast as a Method of Image Processing in Increasing Diagnostic Efficiency When Studying Liver Fatty Tissue Levels , ² nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI), Jordan / 2023 / SCOPUS & IEEE Publications.			
6. Yasser Al-Sharo; Amer Abu-Jassar; Oleg Vasiurenko; Vyacheslav Lyashenko,	Comparative Analysis of Data Dynamics Based on Wavelet Coherence Using Higher-Order Moments, ² nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence (EICEEI), Jordan / 2023 / SCOPUS & IEEE Publications.			

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

1. Conference Technical Committee (2017 International Conference on Materials Engineering and Nano Sciences / Singapore, January 7-9, 2017).
2. Reviewer for the Indian Journal of Science and Technology / 2018.
3. Reviewer for the 1st IEEE International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI-2022) / 2022 / Jordan
4. Reviewer for the 2st IEEE International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI-2023) / 2023 / Jordan
5. Member of Independent Election Commission – Jordan
6. Member of Accreditation and Quality Assurance Commission For Higher Education Institutions.

UNIVERSITY COMMITTEES

1. Social Committee. Ajloun National University
2. Library Committee. Irbid National University
3. Library Committee. Ajluon National University
4. Department Councils Committee. Irbid National University
5. Department Councils Committee. Ajloun National University
6. E-Learning Committee. Ajloun National University
7. College Council Committee. Irbid National University.
8. College Council Committee. Ajluon National University
9. Academic Failure Investigation Committee. Ajloun National University
10. Scientific Research Committee. Ajloun National University
11. Tender Committee. Ajloun National University

WORKSHOPS ATTENDED

1. Arab Impact Factor, Ajluon National University

WORKSHOPS OFFERED

1. Training faculty members at the Ajluon National university on using the model, 2022-2023.

RESEARCH INTERESTS

1. AI
2. Multimedia
3. Computer Networks.
4. Image Processing.
5. Cyber security

LANGUAGES

1. Arabic
2. English
3. Russian
4. Ukrainian

OTHER COMMUNITY ACTIVITIES

AWARDS RECEIVED

GRADUATE STUDENTS SUPERVISION

Student Name

Thesis Title

REFERENCES

1. Professor. Yousef Al- Abdallat , University of Jordan .
2. Dr. Yasser Al Sharo. Ajluon National University.